



PVC PIPE (WATER):

1. BACKFILL WITH ACCEPTABLE MATERIAL TO 12" ABOVE CROWN OF PIPE. COMPACT BY MECHANICAL MEANS.
2. PLACE NO. 10 GAUGE INSULATED COPPER TRACER WIRE. DIRECTLY ON TOP OF THE PIPE SECURE BY PLACING ACCEPTABLE FILL MATERIAL BY HAND. TRACER WIRE TO BE LOOPED INTO VALVE BOXES FOR TRACING PURPOSES.
3. BACKFILL WITH ACCEPTABLE MATERIAL TO 12" ABOVE TRACER WIRE. COMPACT BY MECHANICAL MEANS.
4. PLACE NON-METALLIC WARNING TAPE. SECURE BY PLACING ACCEPTABLE FILL MATERIAL BY HAND.
5. BACKFILL REMAINING TRENCH IN 12" LIFTS, COMPACT BY MECHANICAL MEANS, UP TO BOTTOM OF PAVEMENT SECTION.
6. PLACE TEMPORARY OR PERMANENT PAVEMENT.

PVC/DUCTILE IRON PIPE (SEWER) AND DUCTILE IRON PIPE (WATER):

1. BACKFILL IN 12" LIFTS TO BOTTOM OF PAVEMENT SECTION. EACH LIFT TO BE MECHANICALLY COMPACTED.
2. PLACE TEMPORARY OR PERMANENT PAVEMENT.

* THE CITY MAY CONDUCT COMPACTION TESTING AT ANY POINT DURING THE BACKFILL PROCESS.

CITY OF NORFOLK – DEPARTMENT OF UTILITIES
STANDARD DETAILS

SCALE:
NOT TO SCALE

BACKFILL METHODS

DRAWING NO.
CWS 04

06/12